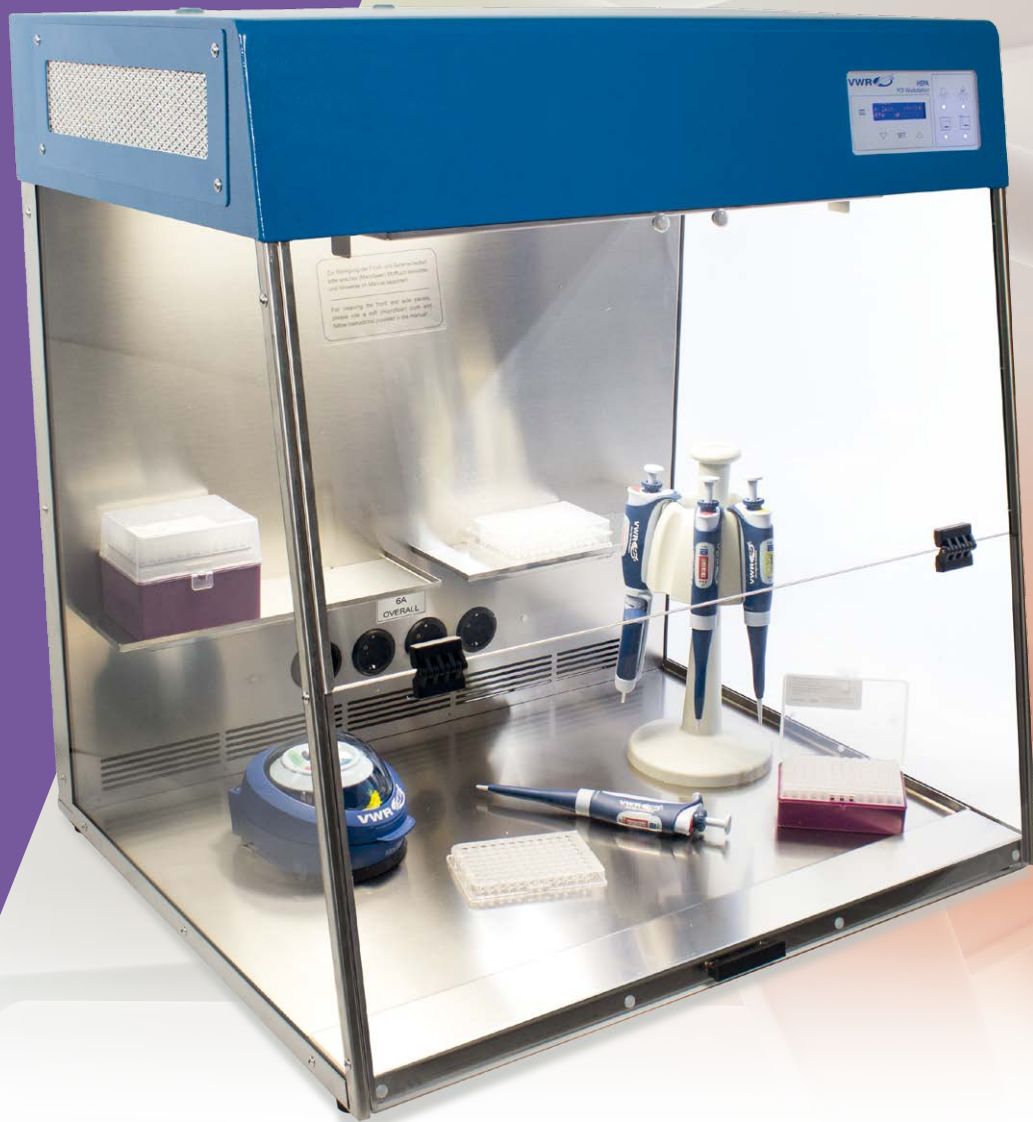


VWR® PCR WORKSTATION

Dual surface and air cleaning action for a contamination-free working space for sensitive PCR-based applications





Need an ideal environment for PCR sample preparation and other sensitive protocols?

The VWR PCR Workstation decontaminates the workspace by UV inactivation of airborne and surface-bound contaminants. The unit provides effective twin action by active decontamination of the work surface during non working time by UV irradiation, plus additional inactivation of aerosol-bound contaminants by a shielded UV air recirculator during use.

PCR Workstations with HEPA filter feature a three-stage filter assembly plus UV to eliminate contamination: Pre-filter captures large dust particles; carbon filter (activated charcoal) eliminates gases, smoke and reduces ozone to improve microarray data quality; HEPA (High Efficiency Particulate Air) filter (H14 standard) blocks particles down to 0,3 microns with a filtration efficiency of 99,995%.

Large working area for stress-free working

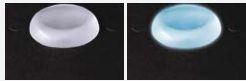
The large stainless steel, work surface is 72x54 cm, providing ample space to accommodate bench top equipment with four internal power outlets. Removable shelves give additional storage space for reaction tubes, pipettes or racks in the rear panel. This means that several working steps can be combined without changing location or interrupting workflow - minimising the risk of cross contamination - and reducing stress.

Working safely and effectively

High quality materials and design guarantees maximum user-protection and safety.

- 8 mm thick, ethanol resistant safety panels absorb UV irradiation
- Electromagnetic safety mechanism stops UV irradiation if front panel is opened
- Work surface and rear panel made of easy to clean stainless steel
- TÜV tested, certified safety
- Function indicator for UV air recirculator and HEPA system tubes
- Displays operating time of UV tubes and filters to enable well-timed replacement of tubes and filters for constant UV intensity and air purity.
- Out of hours programmable decontamination operation

A very gentle downwards air pressure creates a working environment that blocks entry of unwanted contaminants on PCR samples.



Indicator for UV air recirculator tube and HEPA are situated at the back upper side of the device for control of proper function.



HEPA filter system (optional) feature a three-stage filter assembly plus UV to eliminate contamination.



Clearly arranged control panel with display. Optional indication of UV tube and filter run time enables well timed replacement of tubes and filters for constant UV intensity and air purity.



The large working area, removable shelves and four power outlets provide ample space for comfortable operation and allow the combination of several working steps protected from contamination.

Technical specifications	PCR Workstation	PCR Workstation HEPA
Light sources	2 internal UV tubes (254 nm, 25 W each), 1 UV tube in UV air recirculator (254 nm, 8 W), 1 white light tube internal (15 W)	2 internal UV tubes (254 nm, 25 W each), 1 UV tube in UV air recirculator (254 nm, 8 W), 1 UV tube in HEPA system (254 nm, 8 W), 1 UV tube in HEPA system (254 nm, 8 W), 1 white light tube internal (15 W)
Filter	Dust filter	Dust filter, three-stage HEPA filter (pre-filter, carbon filter and HEPA filter)
Timer UV light		5 - 30 min
Front and side panels		8 mm Makrolon® protects from UV irradiation
Housing		Stainless steel
Work surface (LxD) (mm)		720x540
Outer (LxHxD) (mm)	750x780x620	750x795x620
Electrical supply	220 V/50 Hz (EU/UK version), 120 V/60 Hz (US version)	

Description	Cat. No.
PCR Workstation with UV air recirculator, EU-plug	732-2541
PCR Workstation with UV air recirculator, UK-plug	732-2542
PCR Workstation with UV air recirculator and HEPA filter, EU-plug	732-3409
PCR Workstation with UV air recirculator and HEPA filter, UK-plug	732-3410

Accessories

The VWR PCR Workstation is delivered complete and ready to go. In time, however, these consumable elements will need replacing and are handy to have in the lab ready when needed.

Description	Cat. No.
White light bulb for PCR Workstations	732-2543
UV light bulb for PCR Workstations	732-2544
UV light bulb for air recirculator and HEPA system	732-2545
Dust filter for PCR Workstations	732-2546
Pre-filter only for PCR Workstation HEPA	732-3411
Carbon filter only for PCR Workstation HEPA	732-3412
HEPA filter only for PCR Workstation HEPA	732-3413



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Austria

VWR International GmbH
Graumannsgasse 7
1150 Wien
Tel.: +43 1 97 002 0
Email: info.at@vwr.com

Belgium

VWR International bvba
Researchpark Haasrode 2020
Geldenaaksebaan 464
3001 Leuven
Tel.: +32 (0) 16 385 011
Email: vwr.be@vwr.com

Czech Republic

VWR International s. r. o.
Veetee Business Park
Pražská 442
CZ - 281 67 Stříbrná Skalice
Tel.: +420 321 570 321
Email: info.cz@vwr.com

Denmark

VWR International A/S
Tobaksvejen 21
2860 Søborg
Tel.: +45 43 86 87 88
Email: info.dk@vwr.com

Finland

VWR International Oy
Valimotie 9
00380 Helsinki
Tel.: +358 (0) 9 80 45 51
Email: info.fi@vwr.com

France

VWR International S.A.S.
Le Périgares – Bâtiment B
201, rue Carnot
94126 Fontenay-sous-Bois cedex
Tel.: 0 825 02 30 30* (national)
Tel.: +33 (0) 1 45 14 85 00 (international)
Email: info.fr@vwr.com
* 0,18 € TTC/min

Germany

VWR International GmbH
Hilpertstraße 20a
D - 64295 Darmstadt
Tel.: 0800 702 00 07* (national)
Tel.: +49 (0) 6151 3972 0 (international)
Email: info.de@vwr.com
*Freecall

Hungary

VWR International Kft.
Simon László u. 4.
4034 Debrecen
Tel.: +36 52 521130
Email: info.hu@vwr.com

Ireland / Northern Ireland

VWR International Ltd / VWR International
(Northern Ireland) Ltd
Orion Business Campus
Northwest Business Park
Ballycoolin
Dublin 15
Tel.: +353 (0) 1 88 22 222
Email: sales.ie@vwr.com

Italy

VWR International S.r.l.
Via San Giusto 85
20153 Milano (MI)
Tel.: +39 02 3320311
Email: info.it@vwr.com

The Netherlands

VWR International B.V.
Postbus 8198
1005 AD Amsterdam
Tel.: +31 (0) 20 4808 400
Email: info.nl@vwr.com

Norway

VWR International AS
Haavard Martinsens vei 30
0978 Oslo
Tel.: +47 22 90 00 00
Email: info.no@vwr.com

Poland

VWR International Sp. z o.o.
Limbowa 5
80-175 Gdansk
Tel.: +48 58 32 38 200
Email: info.pl@vwr.com

Portugal

VWR International - Material de
Laboratório, Lda
Centro Empresarial de Alfragide
Rua da Indústria, nº 6
2610-088 Alfragide
Tel.: +351 21 3600 770
Email: info.pt@vwr.com

Spain

VWR International Eurolab S.L.
C/ Tecnología 5-17
A-7 Llinars Park
08450 - Llinars del Vallès
Barcelona
Tel.: +34 902 222 897
Email: info.es@vwr.com

Sweden

VWR International AB
Fagerstagatan 18a
163 94 Stockholm
Tel.: +46 (0) 8 621 34 00
Email: kundservice.se@vwr.com

Switzerland

VWR International GmbH
Lerzenstrasse 16/18
8953 Dietikon
Tel.: +41 (0) 44 745 13 13
Email: info.ch@vwr.com

UK

VWR International Ltd
Customer Service Centre
Hunter Boulevard - Magna Park
Lutterworth
Leicestershire
LE17 4XN
Tel.: +44 (0) 800 22 33 44
Email: uksales@vwr.com

China

VWR International China Co., Ltd.
Shanghai Branch
Room 256, No. 3058 Pusan Road
Pudong New District
Shanghai 200123
Tel.: +86 21 5898 6888
Email: info_china@vwr.com

India

VWR Lab Products Private Limited
No.139, BDA Industrial Suburb,
6th Main, Tumkur Road, Peenya Post,
Bangalore, India – 560058
Tel.: +91 80 28078400
Email: vwr_india@vwr.com

Singapore

VWR Singapore Pte Ltd
18 Gul Drive
Singapore 629468
Tel: +65 6505 0760
Email: sales.sg@vwr.com

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